SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 1 of 12

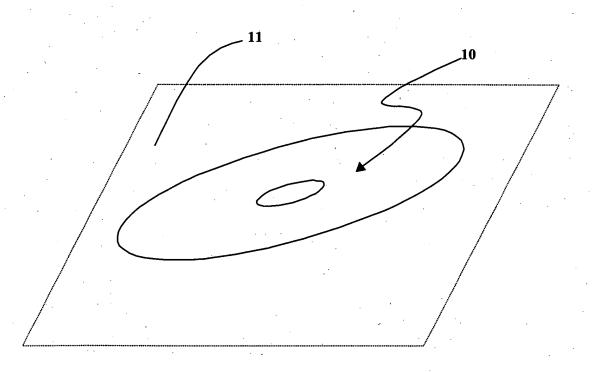


FIG 1

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 2 of 12

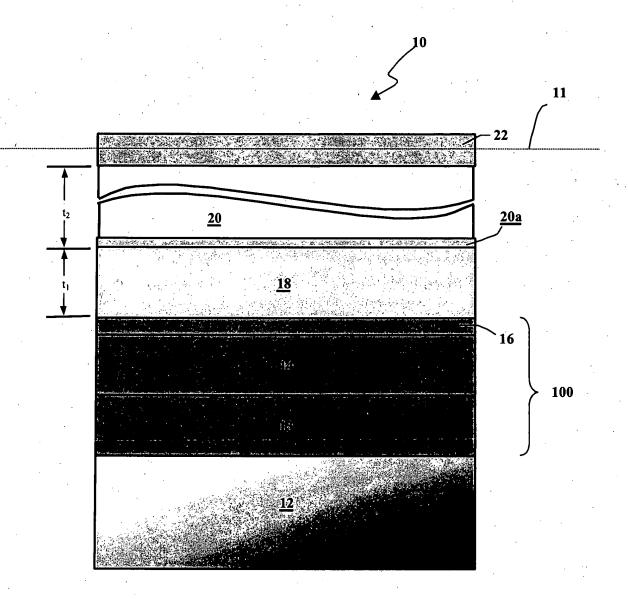


FIG. 2

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 3 of 12

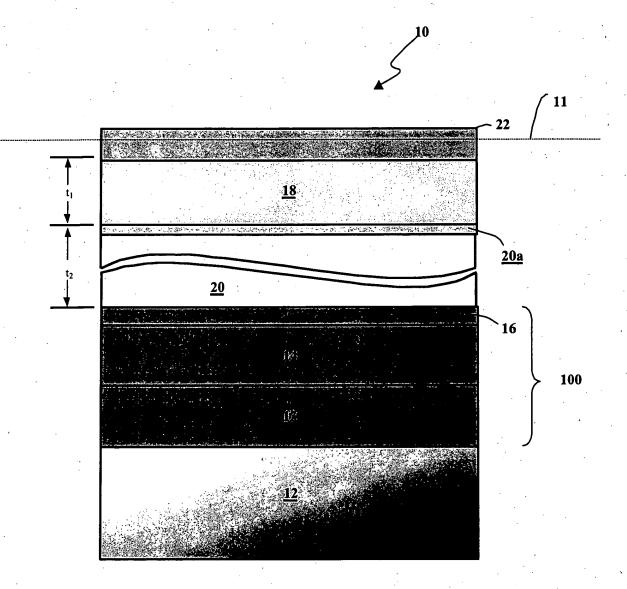


FIG. 3

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 4 of 12

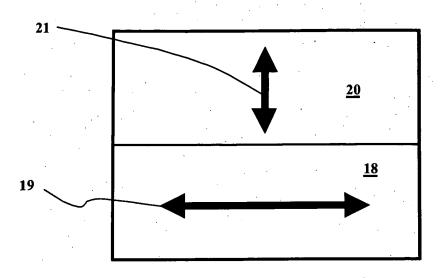


FIG. 4

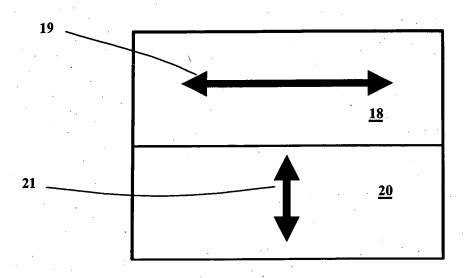


FIG. 5

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 5 of 12

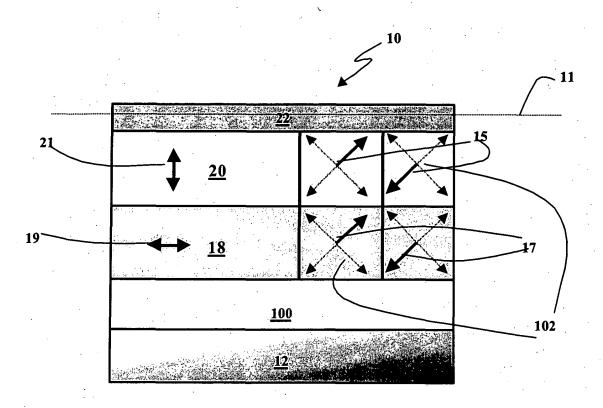


FIG. 6

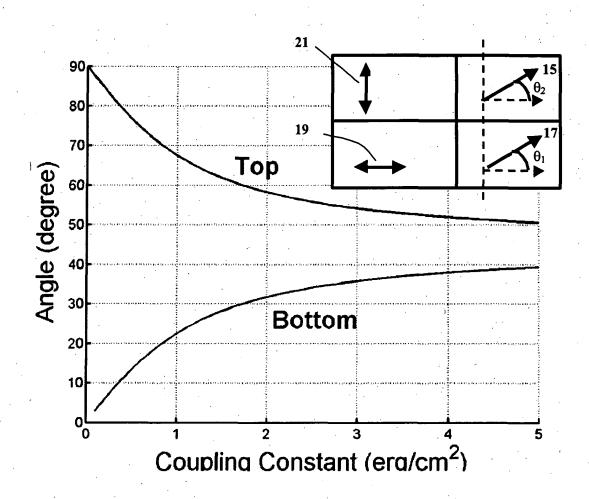
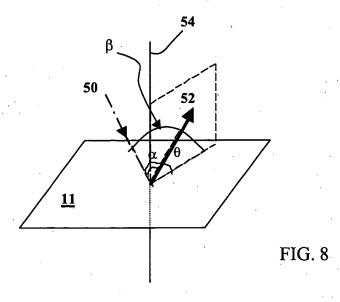


FIG. 7

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 7 of 12



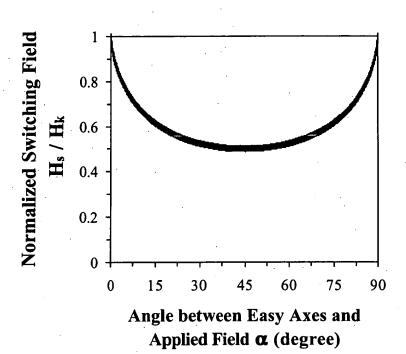
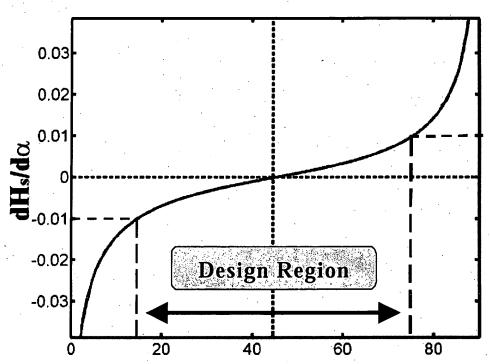


FIG. 9

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 8 of 12



Angle between Easy-Axis and Applied Field, a (degree)

FIG. 10

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 9 of 12

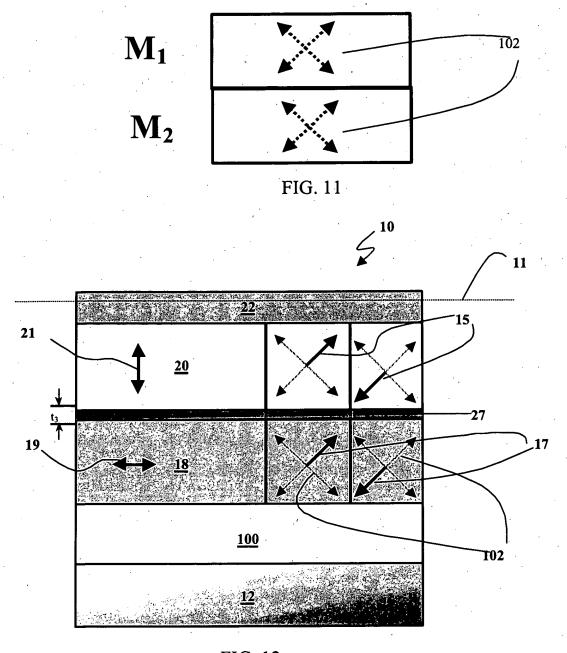


FIG. 12

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 10 of 12

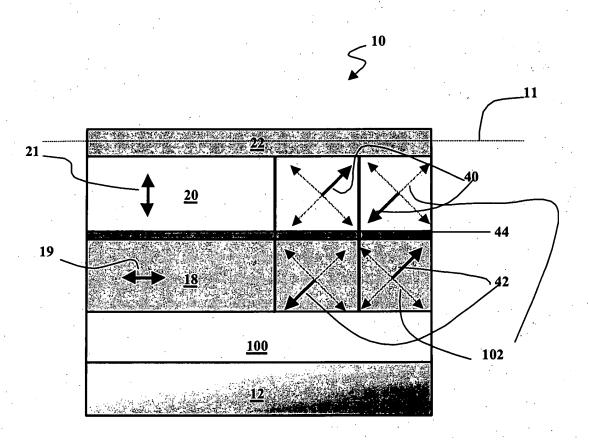


FIG. 13

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 11 of 12

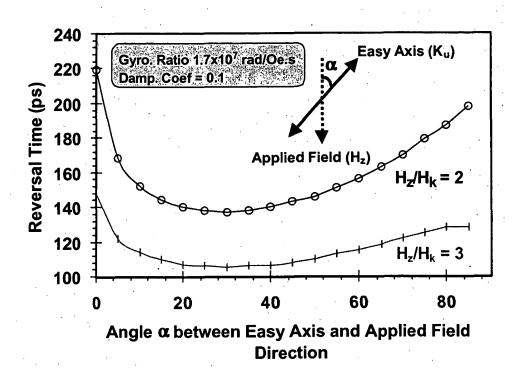


FIG. 14

SN: Not Assigned, Patent Appl. Date 08/01/03 Hogan & Hartson Docket No. 83377.0008 Inventors: Ching Hian Hee et al. Tilted Media For Hard Disk Drives and Magnetic Data Storage Devices Exp. Mail Lab. EL715819714US, Sheet 12 of 12

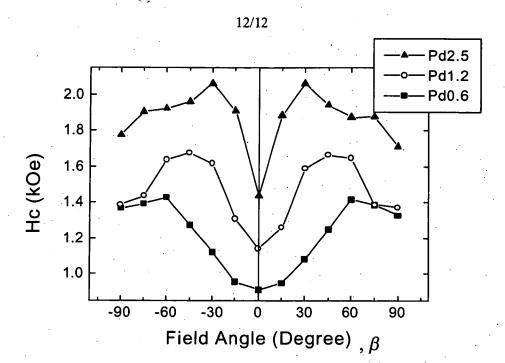


FIG. 15

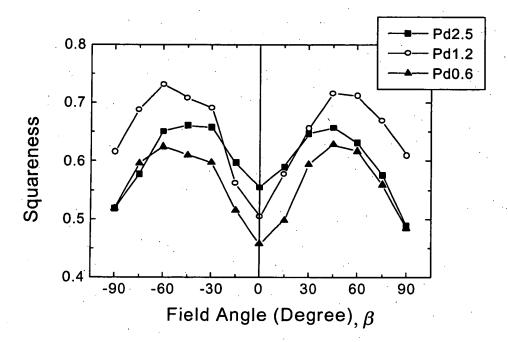


FIG. 16